

Appl. No. : 10/714,097
Filed : November 14, 2003

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-17. (Cancelled)

18. (Currently Amended) A method, comprising:

using a portable communication device with a camera and a display unit therein, to obtain an image of a bar code, which is a dual type bar code, with a first a part that is interpreted by a first bar code scanning process to obtain first information and a second part which is interpreted by a second bar code scanning process to obtain second information that has more information than first information;

receiving and displaying, on said display unit of said portable communication device, information obtained from a remote server, which information indicates information based on a meaning that was represented by the bar code, said meaning being additional information beyond that which was present in at least one part of the bar code;

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using said portable communication device to make a telephone call;

wherein said using to obtain an image comprises obtaining a whole image of the dual type bar code and later processing the image to obtain information using a processor to obtain the information from said first part and said second part

~~within said portable communication device to determine sizes of black bars and white spaces within the image of the barcode, to obtain numerical information indicative of the spacing within the barcode without obtaining said meaning of the content of the barcode represented by said numerical information; and~~

~~using said portable communication device for sending said numerical information indicative of the bar code to said remote server without obtaining the meaning of the content of the barcode in said portable communication device.~~

19. (Currently Amended) A method as in claim 18, further comprising:

using said portable communication device to make a telephone call at a different time than said using to obtain an image; and

at a different time than said telephone call or said sending information indicative of said bar code, using said camera to obtain a video.

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Claims 20-27 (Cancelled)

28. (cancelled).

29. (Currently Amended) A method as in claim ~~28~~18, wherein said first part is a linear bar code and said second part is a non-linear bar code.

30. (Currently Amended) A method as in claim ~~28~~18, wherein said first process is a scan in a first linear direction and said second process is a scan in a second linear direction different than the first linear direction.

31. (Currently Amended) A method as in claim ~~28~~18, wherein said second part is one of grayscale or color of the bar code.

Claims 32-48 (Cancelled)

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49. (Previously presented) A method as in claim 18, wherein said barcode is part of an advertisement, and said information obtained from said remote server represents more information about the advertisement.

50. (Currently Amended) A method as in claim 19, wherein said ~~wherein~~ ~~said~~-using comprises using the portable communication device to scan an advertisement, and wherein said information based on said numerical information indicative of the barcode that is received from the remote server represents more information about the advertisement.

50-58 cancelled

59. (Currently Amended) A method as in claim 19, wherein ~~said~~_content of the barcode is a pointer to a remote database, and said content is decoded to determine information indicative of said pointer, and said meaning is received from said remote database based on said pointer.

60. (New) A method, comprising:

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using a portable communication device with a camera and a display unit therein, to obtain an image of a bar code, which has two different bar code parts, including a first part in a first format, and a second part in a second format different than the first format;

obtaining a whole image of the two different bar code parts of the bar code;

later processing the image to obtain information using a processor to obtain the information from said first part and said second part;

receiving and displaying, on said display unit of said portable communication device, information about both said first and second parts of said bar code; and

at a different time, using said portable communication device to make a telephone call.

61. (New) A method as in claim 60, wherein said first part is a linear bar code and said second part is a non-linear bar code.

62. (New) A method as in claim 60, wherein said first format bar code is intended to be scanned in a first linear direction and said second format bar code is

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intended to be scanned in a second linear direction different than the first linear direction.

63. (New) A method as in claim 18, wherein one of said parts is in a grayscale of the bar code.